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NOTICE OF ALLOWANCE AND FEE(S) DUE

22852

7590

11/09/2009

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER LLP 901 NEW YORK AVENUE, NW WASHINGTON, DC 20001-4413

| EXAMINER | | | | |
|-----------------|--------------|--|--|--|
| SHABMAN, MARK A | | | | |
| ART UNIT | PAPER NUMBER | | | |

2856

DATE MAILED: 11/09/2009

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/584,627 | 06/26/2006 | Akihito Sano | 02886.0097 | 9662 |

TITLE OF INVENTION: CONVEXO CONCAVE AMPLIFYING DEVICE AND CONVEXO CONCAVE DETECTING METHOD BY USE THEREOF, DEFORMATION SENSING DEVICE AND CONVEXO CONCAVE DETECTING METHOD BY USE THEREOF, AND CONVEXO CONCAVE POSITION EXHIBITING DEVICE AND CONVEXO CONCAVE POSITION EXHIBITING METHOD

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|---------------|---------------------|----------------------|------------------|------------|
| nonprovisional | NO | \$1510 | \$300 | \$0 | \$1810 | 02/09/2010 |

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where m

| CURRENT CORRESPONDI | F | ee(s) Tra apers. Ea | ınsmittal. This ıch additional | certifi paper, | can only be used for icate cannot be used to such as an assignment ling or transmission. | for any o | ther accompanying | | |
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| WASHINGTON | I, DC 20001-4413 | | ſ | | | | | | (Depositor's name) |
| | | | Ţ | | | | | | (Signature) |
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| APPLICATION NO. | FILING DATE | | FIRST NAMED INVENT | OR | | ATTO | RNEY DOCKET NO. | CONF | TRMATION NO. |
| 10/584,627 | 06/26/2006 | I | Akihito Sano | | | | 02886.0097 | | 9662 |
| TITLE OF INVENTION DEFORMATION SENS POSITION EXHIBITING | SING DEVICE AND O | | DETECTING METH | OD BY | | | | | |
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| nonprovisional | NO | \$1510 | \$300 | | \$0 | | \$1810 | | 02/09/2010 |
| EXAM | INER | ART UNIT | CLASS-SUBCLASS | | | | | | |
| SHABMAN | I, MARK A | 2856 | 073-865800 | | | | | | |
| CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. | | | registered attorney or agent) and the names of up to | | | | | | |
| 3. ASSIGNEE NAME A PLEASE NOTE: Unl recordation as set fortt (A) NAME OF ASSIG | less an assignee is ident h in 37 CFR 3.11. Comp GNEE | ified below, no assignee oletion of this form is NO | data will appear on th T a substitute for filing (B) RESIDENCE: (Cl | e patent. an assign TY and S | ment. STATE OR CO | OUNT. | RY) | | |
| 4a. The following fee(s) a | are submitted: | 41 | b. Payment of Fee(s): (I | lease firs | st reapply an | y previ | iously paid issue fee | | • |
| ☐ Publication Fee (No small entity discount permitted) ☐ Advance Order - # of Copies | | | ☐ Payment by credit card. Form PTO-2038 is attached. ☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form). | | | | | | |
| 5. Change in Entity State a. Applicant claim | tus (from status indicate s SMALL ENTITY statu | · · · · · · · · · · · · · · · · · · · | ☐ b. Applicant is no | onger cla | niming SMAL | L ENT | CITY status. See 37 C | FR 1.27(| (g)(2). |
| NOTE: The Issue Fee and interest as shown by the i | d Publication Fee (if req records of the United Sta | uired) will not be accepte tes Patent and Trademark | d from anyone other that Office. | in the app | olicant; a regis | tered a | ittorney or agent; or t | he assign | ee or other party in |
| Authorized Signature | | | | D | Date | | | | |
| Typed or printed name | | | | R | Legistration No | 0 | | | |
| This collection of inform an application. Confident submitting the completed this form and/or suggesti Box 1450, Alexandria, V Alexandria, Virginia 223 | tiality is governed by 35 d application form to the ions for reducing this bu Virginia 22313-1450. DC | ILS C 122 and 37 CFR | 1.14 This collection is | estimated | d to take 12 m | ninutes | to complete includi | no oather | ing preparing and |

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| 10/584,627 | 06/26/2006 Akihito Sano | | 02886.0097 | 9662 | |
| 22852 75 | 90 11/09/2009 | | EXAM | INER | |
| FINNEGAN, HE | NDERSON, FARAI | SHABMAN, MARK A | | | |
| LLP | | | ART UNIT | PAPER NUMBER | |
| 901 NEW YORK AVENUE, NW WASHINGTON, DC 20001-4413 | | | 2856 | | |
| WASHINGTON, DC 20001-7713 | | DATE MAILED: 11/09/2009 | | | |

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 116 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 116 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

| | T | T | |
|---|--|---|-----------------|
| | Application No. | Applicant(s) | |
| Madana Ballana Bulla | 10/584,627 | SANO ET AL. | |
| Notice of Allowability | Examiner | Art Unit | |
| | MARK SHABMAN | 2856 | |
| The MAILING DATE of this communication appeal claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313 | (OR REMAINS) CLOSED i or other appropriate comm IGHTS. This application is | n this application. If not included unication will be mailed in due cours | se. THIS |
| 1. This communication is responsive to <u>amendments filed 16</u> | <i>July 2009</i> . | | |
| 2. ☑ The allowed claim(s) is/are <u>1-12,34 and 35</u> . | | | |
| 3. Acknowledgment is made of a claim for foreign priority unally All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have | e been received. e been received in Applicati | on No | |
| 3. Copies of the certified copies of the priority do | cuments have been receive | d in this national stage application f | rom tne |
| International Bureau (PCT Rule 17.2(a)). * Certified copies not received: | | | |
| Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 4. A SUBSTITUTE OATH OR DECLARATION must be submin INFORMAL PATENT APPLICATION (PTO-152) which give | MENT of this application. itted. Note the attached EX | AMINER'S AMENDMENT or NOTIC | |
| 5. CORRECTED DRAWINGS (as "replacement sheets") mus | st he submitted | | |
| (a) ☐ including changes required by the Notice of Draftspers | | w (PTO-948) attached | |
| 1) ☐ hereto or 2) ☐ to Paper No./Mail Date | | (| |
| (b) ☐ including changes required by the attached Examiner' Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1 | s Amendment / Comment o | he drawings in the front (not the back | k) of |
| each sheet. Replacement sheet(s) should be labeled as such in to 6. DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT | sit of BIOLOGICAL MAT | ERIAL must be submitted. Note | the |
| | | | |
| Attachment(s) | E Nation of the | Aformal Datant Anglisstics | |
| 1. Notice of References Cited (PTO-892) | | nformal Patent Application | |
| Notice of Draftperson's Patent Drawing Review (PTO-948) Information Disclosure Statements (PTO/SB/08), | Paper No. | summary (PTO-413), /Mail Date s Amendment/Comment | |
| Paper No./Mail Date 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material | | Statement of Reasons for Allowand | се |
| | 9. | <u>-</u> · | |
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DETAILED ACTION

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

Cancel withdrawn claims 13-33.

In the Abstract: Amend the abstract to be a single paragraph by combining the existing paragraphs.

Allowable Subject Matter

Claims 1-12 and 34-35 are allowed.

The following is an examiner's statement of reasons for allowance:

With regard to independent claim 1, the prior art of record fails to disclose the exhibiting member comprising a plurality of protrusions formed directly on the surface of the sensing member as claimed. The Cimmino reference teaches a coil element which is wound in a dielectric material and attached to the sensing member as opposed to the protrusions claimed. The Cruz-Hernandez reference which does in fact teach the

protrusions does not disclose the sensing member necessary to arrived at the claimed invention, nor does it disclose any teaching of motivation for combining the two references into such an apparatus. The Cundari reference also fails to meet these limitations for similar reasons. Independent claim 10 discloses a method for measuring contours by using an apparatus similar to that of claim 1 which is not taught by the prior art. All dependent claims ultimately depend from either claim 1 or 10 and are deemed allowable for the same reasons.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MARK SHABMAN whose telephone number is (571)270-3263. The examiner can normally be reached on M-F 8:00am - 4:30pm, EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hezron Williams can be reached on (571) 272-2208. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Art Unit: 2856

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Hezron Williams/ Supervisory Patent Examiner, Art Unit 2856

/M. S./ Examiner, Art Unit 2856